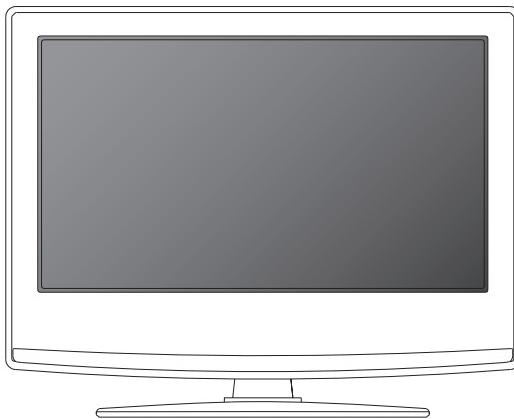


Technika

HD Ready LCD TV with Freeview, DVD, USB Media Player & Smart TV

User Guide



Model No

22-212s

IMPORTANT GUARANTEE INFORMATION

Congratulations on purchasing this television. We hope you have many years of trouble free enjoyment from your purchase.

Your product is covered under the manufacturers guarantee for 12 months from date of purchase.

In the event of a fault being diagnosed, please refer to the frequently asked questions/troubleshooting section at the rear of this user guide.

If you are still unable to remedy the fault, try resetting the TV to factory settings, (details in this user guide) or contact the helpline.

In the event that a fault is diagnosed, the helpline will arrange to collect the TV from your home or work address, return it to our service centre, repair the item and then return it to you.

If we believe we cannot offer a permanent repair, we will replace the item.

Sky Media UK LTD – Helpline Information

Telephone UK 0871 2000 463, ROI 01443 3940

Web support: www.skymediauk.co.uk

The telephone opening hours are Monday to Friday 8.30am to 6pm, Saturday 9am – 5pm.

You must retain all packaging materials, in addition to your proof of purchase/receipt, as you will need these in the event of warranty/service support.

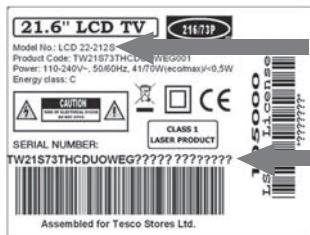
This guarantee is in addition to and does not affect your statutory rights.

If you need to call the helpline, you will need the following information.

1) Model Ref LCD 22-212s

2) Date of purchase _____ (You can find this on your sales receipt)

3) Serial Number _____ (You can find this on the rear of the TV)



EXAMPLE OF LABEL ON REAR OF TV

IMPORTANT SAFETY INSTRUCTIONS



Please read these instructions. All the safety and operating instructions should be read before the appliance is operated.

Warnings

- To reduce the risk of fire, electric shock or damage to the television, do not expose it to dust, rain or moisture, or place any objects filled with liquids on or near the television.
- Do not place the television in a confined space, ensure that nothing can obstruct the ventilation openings at the rear of the television.
- Dispose of this television and any components including batteries in an environmentally friendly manner. If in doubt, please contact your local authority for details of recycling.

To prevent spread of fire, keep candles or other open flames away from this product at all times



Safety

- For your safety, this appliance is fitted with a fused moulded 3 pin mains plug. Should the fuse need to be replaced, ensure that any replacement is of the same amperage and approved with the BSI mark.
- Never try and replace the mains plug unless you have adequate qualifications and are legally authorised to do so. In the event that a replacement Mains cable is required, contact the manufacturer for a suitable replacement.
- Never use the television if it is damaged in any way.
- Always place the television on a flat level surface avoiding anywhere which may be subject to strong vibration.
- Ensure the television is not placed on top of the power cable as the weight of the television may damage the cable and cause a safety hazard.
- Never place mobile phones, speakers or any other device which may cause magnetic or radio interference with the television. If interference is apparent, move the device causing the interference away from the television.
- To disconnect the apparatus from the mains, please use the all pole mains switch located on the side, underside or rear of the TV. The switch shall remain readily operable.
- Install the product keeping the specified distance from the wall.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Install the product keeping the specified distance (more than 5 cm) from the wall

Maintenance

- To clean this unit, wipe with a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth dipped in a soap and water solution or a weak detergent solution.
- Use eyeglass cleaner to remove stubborn dirt from the LCD/LED Screen.
- Never use alcohol, paint thinner or benzene to clean this unit.
- Before using a chemically treated cloth, read the instructions that came with the cloth carefully.



CAUTION: If water or other liquid enters the television through the display panel surface, a malfunction may occur.

Packaging

- The safest way to transport your item is in the original box/packaging - please save your packaging for this.
- You will need original box/packaging in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly.

IMPORTANT SAFETY INSTRUCTIONS



Please read these instructions. All the safety and operating instructions should be read before the appliance is operated.

Important Information Regarding Use of Video Games, Computers, Captions or Other Fixed Image Displays

The extended use of fixed image program material can cause a permanent "shadow image" on the LCD panel.

This background image is viewable on normal programs in the form of a stationary fixed image. This type of irreversible LCD/LED panel deterioration can be limited by observing the following steps:

1. Reduce the brightness/contrast setting to a minimum viewing level.
2. Do not display the fixed image for extended periods of time.
3. Turn the power off when not in actual use.

Examples of images that you need to watch out for are as follows (this is not an exhaustive list):

- TV Channel Logos: e.g. Shopping channel logos and pricing displays-especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.
- Time Displays
- Teletext: Do not view a stationary page for long period of time
- TV/DVD Menus: e.g. Listings of DVD disk content
- Pause Mode: Do not leave the TV in pause mode for long periods of time, e.g. When watching DVDs or videos.

Important - Once 'shadow image/screen burn' occurs, it will never disappear and is not repairable under warranty.

How do I dispose of this product?

UK: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. For your nearest facilities, please see www.recycle-more.co.uk or in store for details.

ROI: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. Check with your Local Authority or retailer for recycling advice.

Batteries

- Do not expose batteries to high temperatures, excessive heat, prolonged sunshine, fire etc as may cause leakage, explosion or ignition.
 - Observe the correct polarity when inserting batteries.
 - Do not use different types of batteries together or mix old and new batteries.
 - Dispose of batteries in an environmentally friendly way.
 - Certain regions may regulate the disposal of batteries.
- Please consult your local authority.



CAUTION:

CLASS 1
LASER PRODUCT

This caution label is located on the rear panel of the unit

THIS UNIT IS A CLASS 1 LASER PRODUCT. HOWEVER THIS UNIT USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE PLAYER CORRECTLY AS INSTRUCTED. WHEN THIS UNIT IS PLUGGED INTO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENINGS TO LOOK INTO THE INSIDE OF THIS UNIT.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CONTENTS

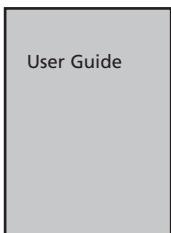
Manufacturers Guarantee Information	3
Important Safety Instructions.....	4-5
What is included in the box	8
Attaching/Detaching the stand and wall mounting.....	9-10
Getting Started - Initial Set Up.....	11-12
TV Buttons and Input Source Menu.....	13
Remote Control.....	14
Connections.....	15-16
TV Menu Operation	17-22
Channel Menu	17
Picture Menu	18
Sound Menu.....	19
Time Menu	20
Option Menu	21
Network Setup	22
Lock Menu	23
DVD Menu	24
7 Day TV Guide	25
USB Mode / Media Player	26
Smart Functions	27-28
General Information.....	29-32
Using with a Sky/Sky HD digibox.....	29
Frequently Asked Questions	30
Technical Specifications	31
Index	32

WHAT IS INCLUDED IN THE BOX

Accessories

Included with this TV are the following accessories:

1 x User Guide



1 x Remote Control



1 x TV



1 x Quick Start Guide



1 x USB wireless key



1 x Stand



1 x 3.5mm AV cable



1 x RF Cable



1 x Webcam

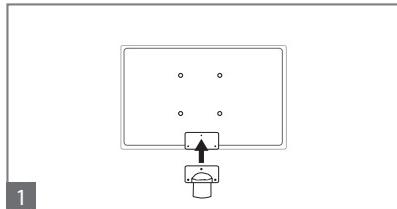


Please save your packaging as you will need this in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly. The safest way to package your item in the event of warranty/service repair is in its original box/packaging.

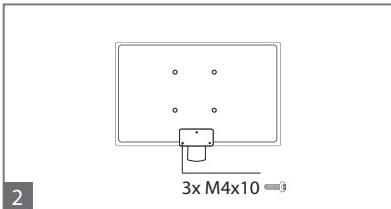
ATTACHING/DETACHING THE STAND

Attaching the Stand

Please lay the TV down on a flat and clean surface.



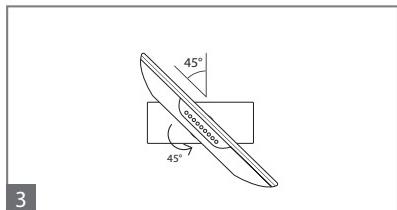
1



2

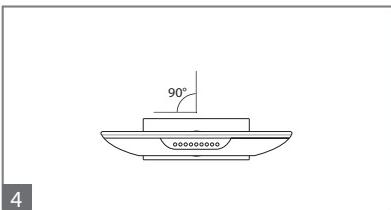
Fig 1) Attach the stand neck to the rear of the TV set.

Fig 2) Secure the neck to the rear of the TV set with the 3 x (M4x10) screws provided.



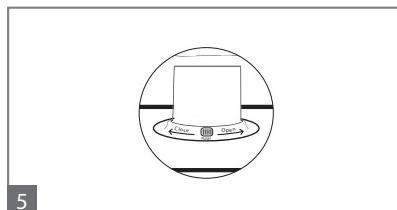
3

Fig 3) Once the neck has been connected attach the base to the neck as a 45 degree angle.



4

Fig 4) Gently twist the base to lock the neck and base together.



5

Fig 5) Once the base and neck are locked a small button will click that is located on the stand neck.

ATTACHING/DETACHING THE STAND

Detaching the Stand

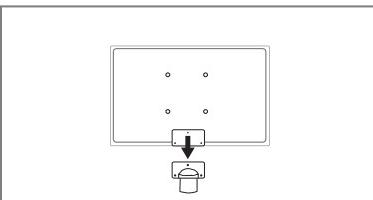
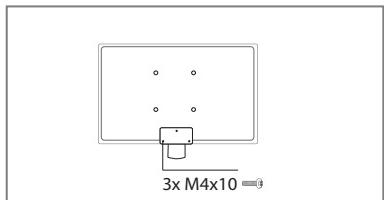


Fig 1) To detach the stand please remove the four screws highlighted.

Wall mounting the TV

IMPORTANT - Before drilling any holes in the wall ensure you are not drilling where there could be any electric wires, water or gas pipes. If in doubt please contact a qualified tradesman.



1) Remove the four screws highlighted left.

2) The wall mount can now be easily attached to the mounting holes on the rear of the TV.

For optimum viewing, if wall mounting the TV higher than eye level, the TV should be tilted downwards so that the TV's screen is 'face on'. See fig 1 and 2

Important – If wall mounting this TV, only use the screws already provided in the wall mounting holes. Using other screws which are longer could cause irreparable damage to internal parts.

fig 1

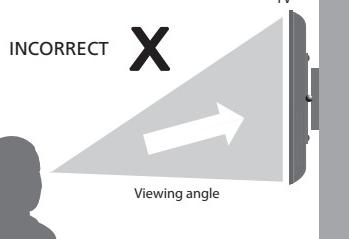
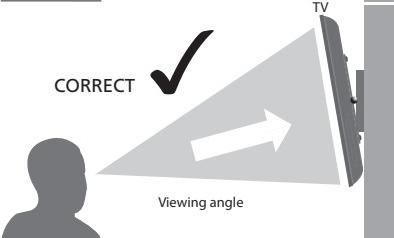


fig 2



GETTING STARTED - INITIAL SET UP

STEP 1 - Connecting the stand

1A

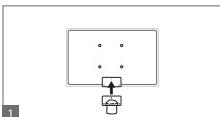


Fig 1) Attach the stand neck to the rear of the TV set.

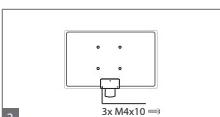


Fig 2) Secure the neck to the rear of the TV set with the 3 x (M4x10 mm) screws provided.

1B

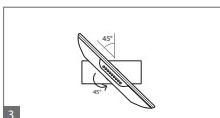


Fig 3) Once the neck has been connected attach the base to the neck as a 45 degree angle.

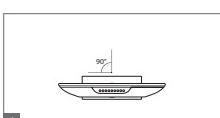


Fig 4) Gently twist the base to lock the neck and base together.

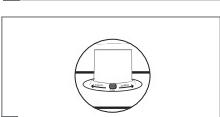


Fig 5) Once the base and neck are locked a small button will click that is located on the stand neck.

STEP 2 - Connecting the TV

2A

Using the RF cable supplied, connect the TV to the TV Aerial wall socket (Fig A) then connect the Power cable to the Electrical outlet (Fig B)



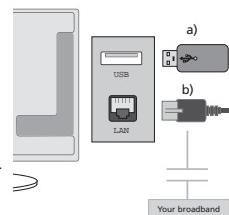
2B

Connecting to the Internet. (Optional)

If you do not wish to connect the TV to the internet now, skip to 2C

You can connect the TV to the internet using either WiFi or Wired connection depending on your home set up.

WiFi connection. Connect the USB WiFi adaptor (included) to one of the USB ports on the TV.



Wired connection. Connect a Cat 5/Ethernet cable (not included) from the TV to your broadband modem/router.

2C

Switch on the television using the power on/off switch.



2D

Remove the plastic tab to activate the remote control and press the Standby button to power on the TV



GETTING STARTED - INITIAL SET UP

STEP 3 - Initial TV set up

3A



You will be welcomed with the first time installation screen.

OSD Language - The only option is English

Country - The only option is UK. (This TV will only operate in UK)

Tune Type - Select from Freeview, Analogue or Skip

Environment - Default is Ecohome (uses less power)

Network Setup - Select from Wired (CAT 5), Wifi (USB Wifi Dongle) or Skip (if you do not wish to set up a network now).

If you select to Skip network set up, go to 3E.

When you are happy with your selections, press 'OK'.

Connecting to the Internet - for further information on using the built in internet applications, please refer to the user guide section 'Smart Functions'

3B

Wired network connection.

If you selected 'Wifi' in step 3A, skip to 3C. If you selected 'Skip' in 3A, skip to 3E

Ensure you have connected the Cat 5/ Ethernet cable to the TV and your Broadband router as per step 2B

Press OK on the remote control and the TV will connect to the network



3C

Wifi network connection.

Ensure you have connected the USB Wifi dongle as per 2B

Press OK on the remote control and the TV will search for available wireless networks.

If your Wifi connection has security enabled, you will need to obtain and enter the password/key in step 3D.

If you do not know the password, you should refer to the user documentation that came with your router from your Internet provider.



3D

Enter your password/WEP key using either:-

Onscreen keyboard and the arrow direction and 'OK' keys on the remote control.

Qwerty keyboard on the reverse of the remote control. (you need to 'unlock' the keyboard using the bottom/left key with a picture of a padlock on it) to enter numbers, press the ALT button to activate the number keys.

Once you have entered your password/ key. Press the blue/info button on the front of the remote control to connect.



3E

After connecting to internet or if you chose to skip this, the TV will start to tune in the TV channels and the following screen will appear.

Once tuning is complete you need to confirm the Country, primary and secondary region by pushing OK.

If after tuning some channels are missing, please refer to section 11.



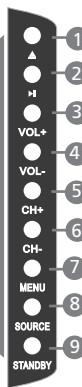
3F

If the TV finds some, but not all, of the channels you would expect to receive, this is because the signal being received by the TV is inadequate. In most circumstances, this can be corrected with the simple addition of a Signal Booster between the TV and the TV aerial wall socket as shown. Once the signal booster is connected, retune the TV in order to receive all of the channels



As part of our ongoing development to reduce power consumption, we have added an extra function to this Television called 'Ecohome' (you will see this during the first time installation set up). Power consumption using the Ecohome function is approximately 15% lower than some other modes. The picture brightness is reduced using the Ecohome function. If this function is not suitable for your viewing environment, you can select other modes as necessary. (Please note, 'Demo' mode is for optimum default picture settings, however, power consumption is approximately 15% higher than 'Ecohome' mode) Please refer to the user guide section 'Picture settings' in order to change the mode to one that maybe more suitable for your environment.

TV BUTTONS & SOURCE MENU



- ①** Eject Disc
- ②** Play/Pause Disc
- ③** Volume up and menu right
- ④** Volume down and menu left
- ⑤** Programme/Channel up and menu up
- ⑥** Programme/Channel down and menu down
- ⑦** Displays Menu/OSD
- ⑧** Displays the input source menu
- ⑨** Standby Power On/Off

Choosing Mode Input/Source

To switch between the different input/connections.

A) Using the buttons on the remote control:

- 1) Press [SOURCE] - The source menu will appear
- 2) Press [\downarrow] or [\uparrow] to select the input you require.
- 3) Press [OK]

B) Using the buttons on the Television:

- 1) Press [SOURCE]
- 2) Scroll up / down using CH+/ CH- buttons to the input/source you require
- 3) Press Vol+ to change input/source to the one selected.

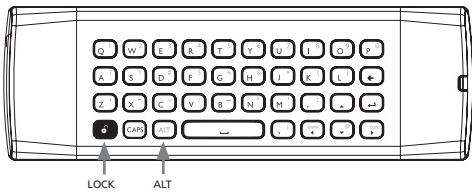


REMOTE CONTROL

- 1** [POWER] - Turn the TV on and off.
 [SOURCE] - To display the input/source menu
 [DISPL On/Off] - Turn the screen on and off (hold for 3 secs)
 [ASPECT] - To switch the screen between the different formats
 [SUBTITLE] - To switch the dialogue at the bottom of the screen (on/off)
 [INFO] - Press once for now/next channel information
 Press twice for programme information about current programme
 [Colour Buttons] - Most of these have other special functions (look for the prompt when browsing the Menus).
 [TEXT] - To enter Teletext
 [D.MENU/INDEX] -
 DVD mode - To display the DVD disc menu
 Teletext mode - To display the index page
 [TITLE/REVEAL] -
 DVD mode - To display the DVD title menu
 Teletext mode - To reveal or hide the hidden words.
 [HOLD] - Teletext mode - Hold current page which is displayed
 [MENU] - To display OSD menu
 [Favourite] - To open the Favourite list or to set favourite channel in program edit menu.
 [GUIDE] - Opens the 7 Day TV Guide (Freeview mode)
 [EXIT] - Press this button to quit present menu.

- 2** (▲/▼/◀/▶/OK) - Allows you to navigate the on-screen menus
 VOL ▲/▼ - To increase / decrease the sound level
 ☰ Displays the Apps Menu
 🔘 Mutes the sound on the TV
 CH ▲/▼ To increase or decrease the channel being watched

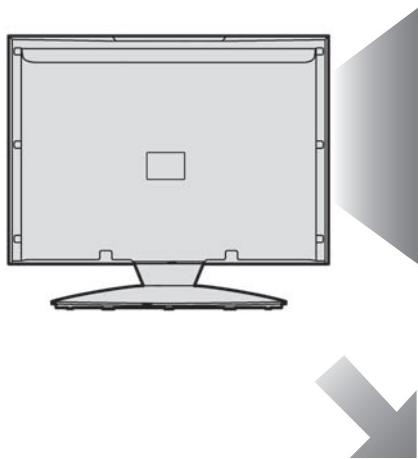
- 3** NUMBER BUTTONS - 0 – 9 to select a TV channel directly.
 [SWAP] - To return to the previous channel viewed
 [TV/RADIO] - Switch to Freeview and switch between TV and radio in Freeview mode
 - 🔍 To restart the current chapter
 - 🔍 To advance forward to the next chapter
 - 🔍 To stop the playback / eject (hold for 3 seconds)
 - 🔍 To play in fast rewind mode
 - 🔍 To play in fast forward mode
 - 🔍 To play/pause
 [REC/MENU] - Display DVD menu.
 [LIST/SETUP] - Display DVD setup menu.



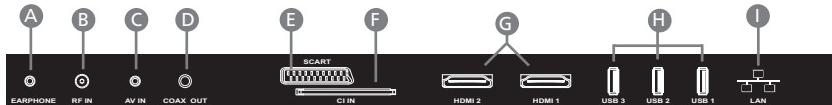
On the rear of the remote is a QWERTY keyboard.
 Press the lock button to activate. Press [ALT] and then your required button to use the yellow characters



CONNECTIONS



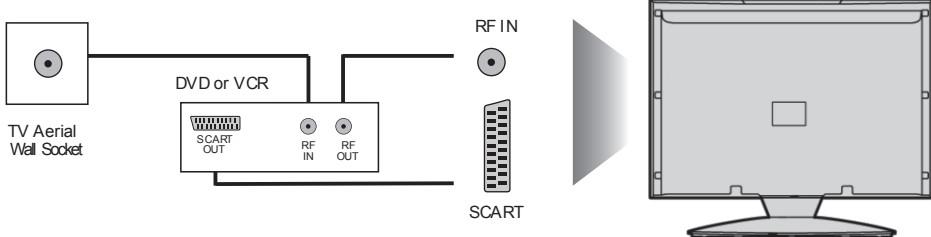
A	HEADPHONES	3.5mm Headphone output
B	RF IN	RF / TV Aerial Input
C	AV IN	3.5mm (Use cable provided)
D	COAX Audio Out	Digital Coax output
E	SCART	SCART input
F	CI CARD IN	Common Interface Card Input
G	2 x HDMI	HDMI input
H	3 x USB	USB port
I	LAN	Network connection



CONNECTIONS

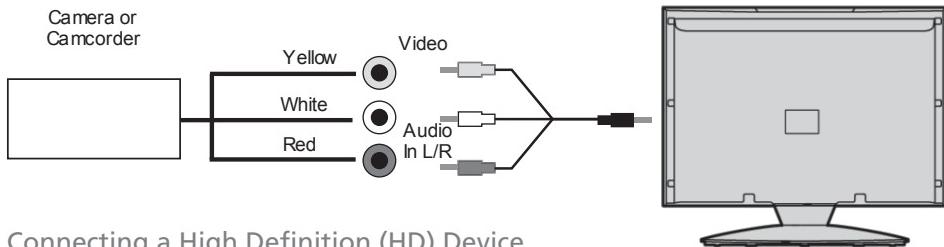
Connecting a DVD Player/Recorder, Video Recorder or Cable/Satellite Box

TVs Input/Source should be set to SCART



Connecting a Camcorder, Camera or Games Console

Source should be set to Video

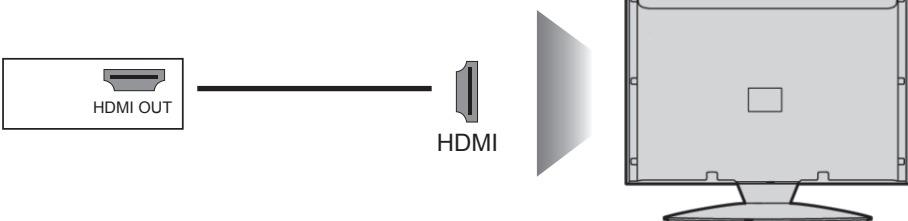


Connecting a High Definition (HD) Device

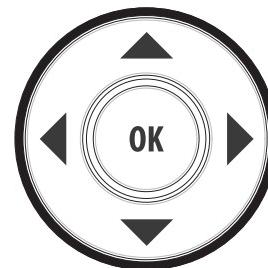
HDMI to HDMI cable

A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of quality.

TVs Input/Source should be set to HDMI.



CHANNEL MENU



To access this menu, press [MENU] button on the remote control.

If you wish to make changes to any of the default settings, use the **▲▼** buttons to highlight.

Press [OK] to access and **▲▼** to make any changes

To exit this menu at anytime, press [EXIT] button or [MENU] to go back to the previous screen.

Auto Tuning - Allows you to retune the television for all digital channels, digital radio stations and analogue channels.

Freeview Manual Tuning- Allows you to manually tune your digital signal

Analogue Manual Tuning - Allows you to manually tune your analogue signal

Programme Edit - Allows you to delete, skip and add favourite channels.

Signal Information - Provides technical information on the signal

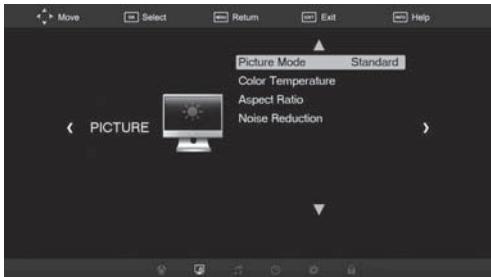
CI Information - Pay per view services require a "smartcard" to be inserted into the TV.

If you subscribe to a pay per view service the provider will issue you with a 'CAM' and a "smartcard". The CAM can then be inserted into the COMMON INTERFACE PORT (CI Card In).

Software Update (OAD) - Switch on/off OAD updates

OAD SCAN - Allows you to scan for OAD (over air download) updates

PICTURE MENU



To access this menu, press [MENU] button on the remote control.

If you wish to make changes to any of the default settings, use the **▲▼** buttons to highlight.

Press [OK] to access and **▲▼** to make any changes

To exit this menu at anytime, press [EXIT] button or [MENU] to go back to the previous screen.

Picture Mode - Choose from the following presets

Ecohome	15% less power consumption
Dynamic	Recommended settings for fast moving pictures
Standard	Default settings
Movie	Set to be lighter in colour and less bright
User	Lets you manually alter all the settings

In 'User' mode, you can adjust the following settings.

Contrast - Changes the balance between black and white

Brightness - Increase or decrease the brightness of the picture

Colour - Increases the colour from black and white

Sharpness - Increase or decrease the sharpness of the picture

Colour Temperature - Choose from the following presets

Cool	Increases blue within the picture
Nature	Default settings
Warm	Increases red within the picture
User	User defined settings

Noise Reduction - Choose from the following presets

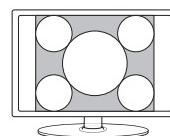
Off	Turns noise reduction off
Low	Minor system adjustment
Middle	Medium system adjustments
High	Maximum system adjustments
Auto	Default settings

Aspect Ratio - Within the UK the picture format varies depending on the channel/broadcast. There are a number of different options to best meet your needs

Auto

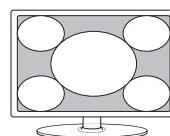
Automatically displays the best picture format. So the picture is in the correct position. May have black lines at the top/bottom and/or sides.

4:3



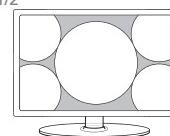
Displays the 4:3 picture in its original size. Side bars are shown to fill the full screen

16:9



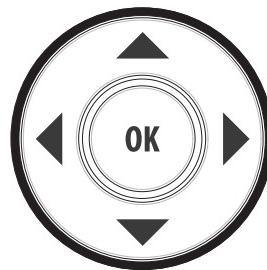
Top and bottom bars are shown to fill the 16:9 screen. 4:3 pictures will be stretched

Zoom 1/2



The picture is the correct proportion but zoomed in to fill the screen

SOUND MENU



To access this menu, press [MENU] button on the remote control.

If you wish to make changes to any of the default settings, use the **▲▼** buttons to highlight.

Press [OK] to access and **▲▼** to make any changes

To exit this menu at anytime, press [EXIT] button or [MENU] to go back to the previous screen.

Sound Mode - Choose from the following presets

Standard	Default settings
Music	Emphasises music over voices
Movie	Provides live and full sound for movies
User	Selects your personal sound settings
Sports	Emphasises sound for sports

Balance - To switch the sound between the left and right speakers

Auto Volume - When 'on' is selected, the volume will stay at a constant level regardless of input/source

Surround Sound - Allows you to turn the function On or Off

Narration - Available in freeview, when broadcast. This function handles the audio stream for the AD (Audio Description) which is sent along the main audio from the channel.

Press [OK] button to turn on or off.

SPDIF - Provides digital sound. Press [OK] button to set PCM or Auto or OFF

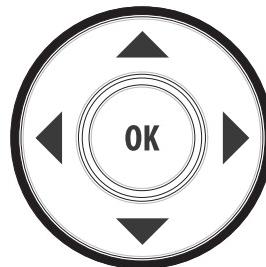
Connecting speakers

- 1) Connect a COAX cable* from the TV's COAX output to your amplifier/surround systems COAX input
- 2) Connect a 3.5mm jack to L/R phono cable* from the TV's headphone socket (where fitted) to your amplifier/surround sound L/R input. Please note sound to the TV's speakers will be disabled.

Please note due to copyright laws it is not possible to output video/sound from the TV on certain sources, i.e. HDMI, DVD etc.

*cables and switches mentioned are available to purchase separately from your retailer.

TIME MENU



To access this menu, press [MENU] button on the remote control.

If you wish to make changes to any of the default settings, use the **▲▼** buttons to highlight.

Press [OK] to access and **▲▼** to make any changes

To exit this menu at anytime, press [EXIT] button or [MENU] to go back to the previous screen.

Clock - Shows the current time, lets you edit the time in the case you have not tuned in the channels.

Off Time - Auto power off setting. Press [OK] button to display Off Time.

Press [LEFT]/[RIGHT] to select the mode.(Available mode: Off-Once-Everyday-

Mon~Fri - Mon~Sat - Sat~Sun - Sunday). Then set the hour and minute according to the prompt.

On Time - Auto power on setting. Press [OK] button to display On Time.

Press [LEFT]/[RIGHT] to select the mode.(Available mode: Off-Once-Everyday-

Mon~Fri - Mon~Sat - Sat~Sun -Sunday). Then set the hour, minute, source, channel, and

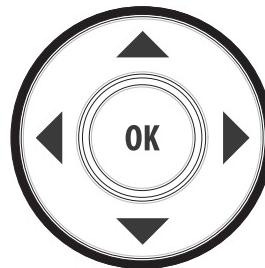
volume according to the prompt.

Sleep Timer - Lets you set the sleep timer so the television automatically switches off after a set amount of time. Off -> 10min -> 20min -> 30min -> 60min -> 90min -> 120min -> 180min -> 240min

Auto sleep - Toggle the Function on and off

Time Zone - Change your current time zone

OPTION MENU



To access this menu, press [MENU] button on the remote control.

If you wish to make changes to any of the default settings, use the **▲▼** buttons to highlight.

Press [OK] to access and **▲▼** to make any changes

To exit this menu at anytime, press [EXIT] button or [MENU] to go back to the previous screen.

Audio Language - You can press [LEFT]/[RIGHT] button to set primary or secondary. Then select language you want to set.

Subtitle Language - You can press [LEFT]/[RIGHT] button to set primary or secondary. Then select language you want to set.

Hearing Impaired - It will show the subtitles only if the programme you are watching supports the hearing impaired function.

Press [OK] button to turn on or off.

Restore Factory Default - Reset TV to its default settings

Network Setup - Allows you to begin connecting your TV to your preferred network (please see the following page for instructions on how to do so).

Software Update (USB) - Update your TVs software via USB

Software Update (Network) - Update your TVs software via your network connection

The TV will scan for an available software update on each power-up, if a new software version (including all the preinstalled applications, such as Skype®, YouTube etc) is detected you will be informed via a notification window, you will then have the option to accept or decline the update.

NETWORK SETUP

NETWORK SET UP

Firstly you must choose the set up type. Simple mode should be chosen in all cases except for advanced users (who can set static IPs, configure hidden networks etc)



Then select network type - Wired or WIFI



WIRED

SIMPLE MODE

A screen will prompt you to connect your LAN cable, once this is done you may press start.

A screen will then be displayed telling you the TV is connecting to the network.



If the TV connected successfully to the network you should see this screen.

Network Configuration Static	
IP	192.168.3.204
Netmask	255.255.255.0
Gateway	192.168.3.1
DNS	192.168.3.1
Save	

OK

You will then see your network information. Press OK and set up is complete

WIFI

SIMPLE MODE

A screen will prompt you to connect your wireless USB key, once this is done you may press start.

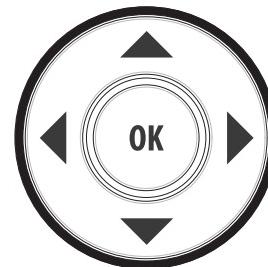
The TV will then scan for available wireless networks. Scroll down to your preferred network and press OK.



You will now be asked to enter your security key so you can connect to your wireless network. This can be done via on screen, number keys or QWERTY keyboard

After pressing OK the TV will begin to connect to the network, if configured correctly you will see a final screen informing you that the network has been set up.

LOCK MENU



To access this menu, press [MENU] button on the remote control.

If you wish to make changes to any of the default settings, use the **▲▼** buttons to highlight.

Press [OK] to access and **▲▼** to make any changes

To exit this menu at anytime, press [EXIT] button or [MENU] to go back to the previous screen.

Lock system - Allows you to lock or unlock the menu. You will be asked to enter a 4 digit password use the **◀** button to quit the password input. Use the **▶** button to clear. Default password is 0000

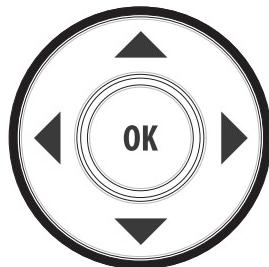
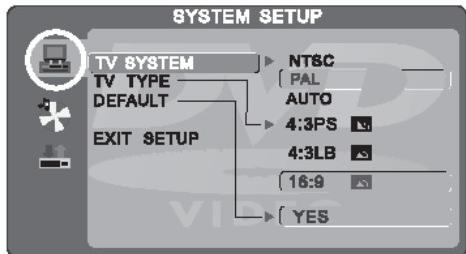
Set Password - Allows you to sets the password for system lock

Block Programme - Allows you to block certain programs from being viewed.

If you forget the password you have chosen, the master password is **4711**



DVD MENU



To access this menu, press [MENU] button on the remote control.

If you wish to make changes to any of the default settings, use the **▲▼** buttons to highlight. Press [OK] to access and make any changes
To exit this menu at anytime, press [EXIT] button or [MENU] to go back to the previous screen.

TV System - Choose from the following options

NTSC	Normally used for discs from North America, Japan etc
PAL	The standard for discs from UK/Europe, most of Asia, Australia etc
Auto	For both NTSC and PAL

TV Type - Choose from the following options

4:3PS	Traditional picture format, often used on old film
4:3 LB	Traditional picture which has been adapted for widescreen
16:9	Widescreen picture format

Default - This option allows you reset all DVD settings.

Tone - Choose from the following options

+	Increases the treble (high frequency sound)
-	Increases the bass (low frequency sound)

Dynamic Range - This is the difference between the quietest and loudest sounds. This setting works only with DVD discs recorded in Dolby digital.

Full	Set this to listen with the range recorded on the disc
4/8	Set this to listen with a range equivalent to a normal television
2/8	Set this to listen with a smaller difference between the maximum and minimum volume

Dual Mono

Stereo	Outputs 2 channels of sound both left and right
Mono L	Outputs left side sound
Mono R	Outputs right side sound
Mix Mono	Outputs a single channel of sound but mix between right and left

7 DAY TV GUIDE

TV Guide is available in Digital TV mode. It provides information about forthcoming programmes (where supported by the freeview channel). You can view the start and end time of all programmes and on all channels for the next 7 days and set reminders.

Press [GUIDE]. The following 7 Day TV Guide will appear. This will show what programmes are currently playing on all channels.

PROGRAMME GUIDE		TIME
01 Feb. 2008		15:06
3	ITV1	The Alan Titchmarsh Sh...
◆	4 Channel 4	The Riviera Touch
6	ITV2	The Jeremy Kyle Show
10	ITV3	The Two Ronnies
13	Channel 4+1	That Riviera Touch
● INFO	● Schedule	● Remind
◎ OK	◆ INDEX	

Navigate through the menu using **▲▼▶◀** press [LEFT]/[RIGHT] to switch between Time mode and Channel mode

Info:

Press [INFO] button to get more information of the selected programme.

Schedule:

Press [YELLOW] button to the Schedule List.

Remind:

Press [BLUE] to the Reminder setting.

1) To navigate through future programmes press [INDEX]

2) Press [LEFT] or [RIGHT] to search by TIME or CHANNEL

3) Then move down and scroll [LEFT]/[RIGHT] to change channel or time

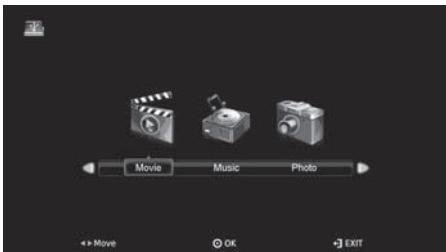
4) Scroll down the page to view future time or extra channels

To go back at any point press [INDEX]

USB MODE / MEDIA PLAYER

USB mode offers playback of various different types of content that you have saved on your USB Memory Stick.

On switching to USB source the above menu screen will appear. The content will be divided into Photo, Music, Movie and Text based on file type.



1) You can navigate through the menus using the scroll **▲▼▶◀** buttons. To confirm the item you wish to play/view press [OK] button.

2) Select the drive you require. (If your drive only has 1 partition you will only see 1 item).



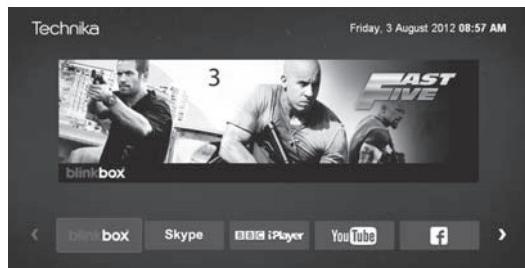
3) You can now scroll to preview the item, press OK to select it and then press **▶||** to play/view. See technical specification page for file types which can be played.

4) While viewing you control the item using the buttons below or by pressing (i) and using **▲▼▶◀** and (OK)

Please note if you wish to view all items in a folder, do not select any list but instead press **▶||**

Refer to page 30 for compatible file types.

SMART FUNCTIONS



With this TV you have access to several apps allowing you to watch films, catch up on the latest programmes and check your Social media networks.

To access these features you need to press the  button.

Once this has been pressed you will be greeted with the home screen. To navigate use     and press [OK] to select.

On screen instructions should guide you through the rest of the applications.

To exit the applications press the [EXIT] button and you will return to the previous source

IMPORTANT: In order for the Youtube app to work in the UK, it requires date and time information. The time and date is normally set by freeview when the TV is tuned in with a digital signal , however in case you do not tune in the Freeview you will need to set the time and date manually.

To do this please refer to the Time Menu on page 19.

For the latest Internet Applications (like Facebook and Twitter) you can visit our webpage for more info
www.skymediauk.co.uk

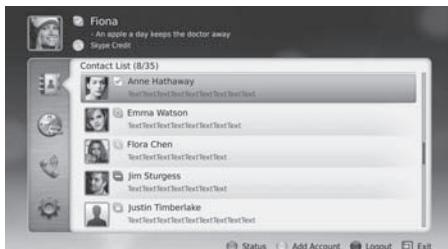
SMART FUNCTIONS: SKYPE™

Once you have selected the Skype logo the app will open and you will be greeted with this login screen. To proceed you must enter your Skype login details.

Once you have entered your details select the 'login' button.

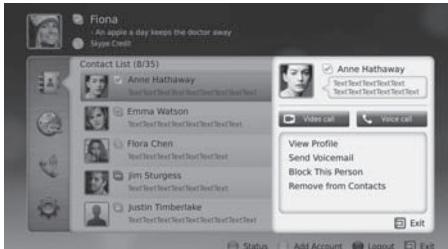


A successful login will open the Skype application as shown.



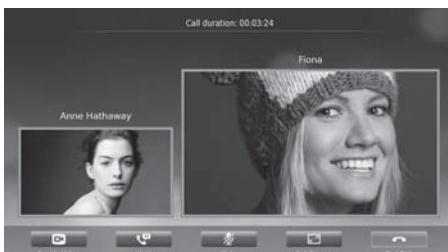
Once an available contact has been selected you can then choose to either video or voice call to enter a conversation.

PLEASE NOTE: The suggested viewing distance when using the Skype app is <0.7m



During a skype call you have access to numerous options highlight and press enter to use them.

 No emergency calls with Skype
Skype is not a replacement for your ordinary telephone and can't be used for emergency calling.



Skype is a trade mark of Skype Limited or its related companies. This product/application has not been approved or endorsed by Skype Limited, Skype Communications S.A.R.L. or any of their related companies.

USING YOUR TV WITH A SKY DIGITAL SET TOP BOX

Option 1) Connecting your TV to your Sky box (when both the TV and Sky Box are located in the same room)

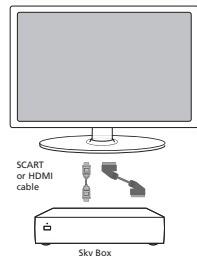
Depending on your Sky Box and TV model, connect either by SCART (or if no SCART connector is included with your TV, connect via a SCART to AV cable) or via an HDMI cable (SCART to AV and HDMI cables are available separately)

If connecting by SCART cable to both the Sky Box and TV, select the 'input source' as SCART.

If connecting by SCART to AV cable (SCART on one end connected to your Sky box and a Red/White and Yellow connector on the other end that connects to the TV) select the 'input source' as AV.

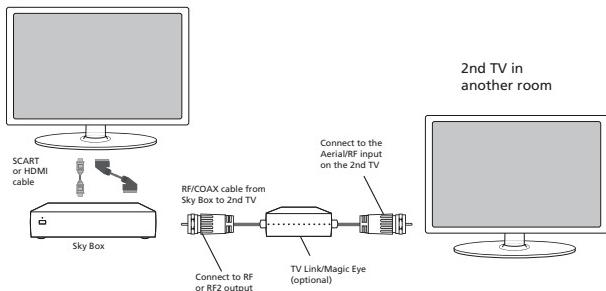
If connecting by HDMI, select the 'Input source' on the TV as HDMI (if the TV has more than 1 HDMI port, ensure you select the input source to match the HDMI numbered port on the rear of the TV)

If you wish to use your Sky remote to operate the TV's functions, you will need a Sky remote control (Revision 9 or later) and you will need to programme a 4 digit code into it. See bottom of this page.



Option 2) Connecting your TV to your Sky box (when your Sky box is located in a different room to the TV)

Please note, if you are adding a 'Magic Eye/TV Link' to your system so that you can use your Sky remote control to change the Sky channel in the room where the 2nd TV is located, please refer to the instructions included with the TV link/magic eye in order to ensure the RF or RF2 output on your Sky box is powered on. (The red LED light on the TV link/magic eye will light up if the RF / RF2 output is correctly set up) If you do not have the instructions that came with the TV link/magic eye, instructions on how to do it can be found on our web site.



- 1) To tune the TV to the Sky box, on the 2nd TV, select the 'Analogue' input source.
- 2) Select the channel that you wish to store the Sky box/channel on. (If you do not use channels 1-5 because you no longer have analogue terrestrial channels after digital switchover, you may choose to select channel 1 to store the Sky box/channel, if you still have and use analogue channels 1-5, you may for example decide that channel 6 is the best option for you)
- 3) Press the corresponding number on the remote control to select the desired analogue channel chosen as per point 2 above.
- 4) On the TV remote control, press Menu. Now navigate through the menus to select Manual Tuning or Analogue Manual tuning (refer to the Tuning/Channel menu section of this user guide if necessary)
- 5) Manually tune in the channel (usually, the Sky box is at a frequency between 800Mhz and 850Mhz) once the Sky box/channel is found, press 'OK' to store it.

If you wish to use your Sky remote to operate the TV's functions, you will need a Sky remote control (Revision 9 or later) and you will need to programme a 4 digit code into it. See below.

Using a Sky Remote or a Universal Remote to operate your TV

Sky Remote Control. If you wish to use your Sky remote to operate the basic functions of your TV, you need to programme a 4 digit code into it. Please note, you will need the latest Sky Revision 9 remote control as this is the only version that includes the latest software/firmware necessary to operate this model of TV. All codes can be found on our website. If you wish to upgrade/replace your existing Sky remote control to the latest version, you can do so on our web site.

Universal Remote Control. If you wish to use a Universal remote control to operate your TV, please refer to the web site for a full list of codes. (Please note we only have codes for One for All branded remote controls, if you have an alternative brand of Universal remote, please refer to the manufacturer for the code.)

FREQUENTLY ASKED QUESTIONS

General	I would like to have louder sound by connecting additional speakers	Subject to the TV model and connections, it is possible to connect the TV to an external amplifier or surround sound (subject to connections/inputs on the device) as follows:- 1) Connect a COAX cable* from the TV's COAX output to your amplifier/surround systems COAX input 2) Connect a 3.5mm jack to L/R phono cable* from the TV's headphone socket (where fitted) to your amplifiers/surround sound L/R input. Please note sound to the TV's speakers will be disabled.
General	Why are some options in the menu unavailable and greyed out	Some options are only available in certain sources, i.e. HDMI, They are unavailable in the other sources where they have no affect.
General	Can I stop my TV turning off after 4hrs?	Yes 1) In the picture settings menu, de-select Eco-home 2) In the time settings menu, scroll down to Auto standby and select OFF
TV	I have tuned in Digital TV but I am not receiving any or all of the channels and/or the channels I receive are breaking up	1) Check you are in an area that can receive Freeview. Visit www.freeview.co.uk 2) Check you are using an aerial that is able to receive a good digital signal. In most cases, you will need an outdoor digital hi-gain/wideband aerial. In areas that have excellent Freeview coverage, you may be able to use a loft type aerial but it is highly likely that you will also need to connect a booster between the back of the TV and the TV aerial wall socket. Unfortunately, to receive a good enough digital signal, it is not possible to use a portable/indoor type aerial. This may change once the analogue signal is switched off in 2012 and the Digital signal strength is increased.
TV	I have re-tuned my television but when I switch it off it is not storing the channels	Complete a first time installation, please refer to the set-up menu section of the manual of how to do this
VCR/DVD Recorder	I have connected the TV to my VCR or DVD Recorder via SCART/AV but it is not recording	In addition to connecting via SCART or AV input, you should connect the aerial cable from the wall socket to your VCR/DVD Recorder and another aerial cable from the VCR/DVD Recorder to the TV
DVD	I have inserted a disc but it is not playing	1) Ensure you have inserted put the disc in facing the correct way forward 2) Ensure the disc is clean and is not scratched 3) Some copied discs will not play. 4) Check the DVD is a region 2 disc – to change the region of the DVD player, refer to section 'Changing Regions'.
Game Consoles	I have connected my PS3 to the TV via HDMI, but I am not receiving any pictures or sound on my Television	1) Ensure the TVs source is on HDMI 2) Check your settings on your PS3 are as per the PS3 instruction manual
USB Mode	I have inserted a USB Memory Key, but the TV does not recognise it	Ensure the USB Memory Key is formatted to type FAT32.
USB Mode	Using a USB portable hard drive	If you wish to use a portable hard drive larger than 32GB, please note that it must be formatted to the FAT32 file system in order to operate on this TV. Windows XP/vista computers are only capable of formatting up to 32GB, therefore, you will need a software programme/utility to format larger hard drives. Please refer to the web site for more information.
System Lock	I have changed the password on the television and now forgotten it	There is a master password of 4711, to gain access to the TV menu and reset the normal password

Note: Supplier may change Software Version and On Screen Graphics without warning.

TECHNICAL SPECIFICATION

Model	22-212s
Screen size (diagonal)	21.6"/55cm
Resolution	1366 x 768
Contrast Ratio	1000:1
Brightness cd/m2	350
RF	75 ohm Antenna / PAL-SECAM
Video and sound Inputs	1 x SCART, 1 x 3.5mm AV/CVBS (includes RCA adapter) 2 x HDMI (upto 1080p), 3 x USB, 1 x LAN (RJ45)
Sound Outputs	1 x Coax Audio output, 1 x Headphone output
Sound power, watts (RMS)	2 x 3
Voltage and power consumption	110-240V 50/60Hz 41W/70W (eco/Max) (standby less than 0.5w)
Dimensions including stand (mm)	535W x392H x170D
Net weight (Kgs)	4.9

Compatible files in USB Mode

Media	File Ext.	Codec		
		Video	Audio	
Movie	.mpg	Mpeg-1, Mpeg-2	MP3, WMA	Max Resolution: 1920x1080 Max Data rate: 40Mbps
	.avi	Xvid, MJPEG, MPEG-4 SP/ASP		
	.ts	Mpeg-2		Max Resolution: 1920x1080 Max Data rate: 40Mbps
	.mov	Mpeg-4 SP/ASP		
	.mkv			
	.dat	Mpeg-1		
	.mp4	Mpeg-1, Mpeg-2		Max Resolution: 1024x768 Max Data rate: 40Mbps
Music	.vob	Mpeg-2	MP3	
	.mp3	-		Sample Rate 16K-48KHz Bit rate: 32K - 442Kbps
	.wma	-	WMA	
Picture	.jpg	Progressive JPEG		Max Resolution: 1024x768
	.jpeg	Baseline JPEG		Max Resolution: 8192x8192
	.bmp	BMP		Max Resolution: 6500x6500

INDEX

7 day TV guide.....	25	Surround sound.....	19
Aspect ratio	18	Technical specifications.....	31
Attaching the stand	9-10	Time zone	20
Auto language	21	TV buttons	13
Auto sleep.....	20	USB mode / Media player	26
Auto volume.....	19	Using you TV with a Sky Digital set top box	29
Balance.....	19	What is included in the box.....	8
Block programme.....	23		
Clock.....	20		
Colour temperature	18		
Connections.....	15-16		
Detaching the stand.....	10		
DVD menu	24		
Frequently asked questions.....	30		
Getting started.....	11-12		
Hearing Impaired	21		
Lock system.....	23		
Narration	19		
Network setup.....	22		
Noise reduction.....	18		
Off time	20		
On time	20		
Picture mode	18		
Remote control.....	14		
Restore factory default.....	21		
Set password.....	23		
Sleep timer.....	20		
Smart functions	27-28		
Software update (USB)	20		
Sound mode	19		
Source menu.....	13		
SPDIF	19		
Subtitle language.....	21		

